

**DECLARATION and POWER OF ATTORNEY**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Fluorinated Ionic Polymers**

the specification of which is attached hereto unless the following box is checked:

☒ was filed on **16 JUNE 2000** as U.S. Application No. \_\_\_\_\_ or PCT International Application No. **PCT/US00/16659** and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known to me to be material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Application No.	Country	Filing Date	Priority Claimed (Yes/No)
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I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States Provisional Application(s) listed below.

U.S. Provisional Application No.	U.S. Filing Date
60/139,567	16 JUNE 1999

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International Application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or PCT International Application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is known to me to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application No.	Filing Date	Status (patented, pending or abandoned)
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**POWER OF ATTORNEY:** I hereby appoint the following attorney(s) and/or agent(s) the power to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:Name: **WILLIAM JOSEPH COTREAU**Registration No.: **36,490**

Send correspondence and direct telephone calls to:

**WILLIAM JOSEPH COTREAU****E. I. du Pont de Nemours and Company**  
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Wilmington, DE 19898, U.S.A.

Tel. No.	(302) 992-4930
Fax No.	(302) 892-7949

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**INVENTOR(S)**

Full Name of Inventor	Last Name <b>YANG</b>	First Name <b>ZHEN</b>	Middle Name <b>YU</b>
	Signature (please sign full name): <i>Zhen yu Yang</i>		Date: <i>July 31, 2000</i>
Residence & Citizenship	City <b>WILMINGTON</b>	State or Foreign Country <b>DELAWARE</b>	Country of Citizenship <b>CN</b>
Post Office Address	Post Office Address <b>2609 MARHILL DRIVE</b>	City <b>WILMINGTON</b>	State or Country <b>DELAWARE</b>
			Zip Code <b>19810</b>



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

CL-1459 PCT

MARCH 29, 2002

JAL PTAS  
E. I. DU PONT DE NEMOURS AND COMPANY  
~~WILLIAM JOSEPH COTREAU~~  
LEGAL-PATENTS  
1007 MARKET STREET  
WILMINGTON, DE 19898

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APR 10 2002



\*101972620A\*

APR 11 2002 Chief Information Officer  
Washington, DC 20231  
www.uspto.gov

PATENT RECORDS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/23/2002

REEL/FRAME: 012529/0318  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

YANG, ZHEN-YU

DOC DATE: 07/31/2000

ASSIGNEE:

E. I. DU PONT DE NEMOURS AND  
COMPANY  
1007 MARKET STREET  
LEGAL PATENTS  
WILMINGTON, DELAWARE 19898

SERIAL NUMBER: 10018296  
PATENT NUMBER:  
PCT NUMBER: US0016659

FILING DATE:  
ISSUE DATE:

JEFFREY OLSEN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

02-05-2002

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

EET

To the Honorable Commissioner of

101972620

Attached original documents or copy thereof

## 1. Submission Type:

- ☒ New  
☐ Resubmission (Non-Recordation)  
 Document ID# \_\_\_\_\_  
☐ Correction of PTO Error  
 Reel # \_\_\_\_\_ Frame # \_\_\_\_\_  
☐ Corrective Document  
 Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

Data Element in Question : \_\_\_\_\_

## 2. Conveyance Type:

- ☒ Assignment ☐ Security Agreement  
☐ License ☐ Change of Name  
☐ Merger ☐ Other \_\_\_\_\_

US. GOVERNMENT

(For Use ONLY by U.S. Government Agencies)

- ☐ Departmental File ☐ Secret File

Total No. of pages of conveyance document including attachments \_\_\_\_\_

## 4. Name of conveying party(ies):

<sup>1</sup>Yang, Zhen-YuAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoExecution Date: <sup>1</sup>7/31/2000

## 5. Name and address of receiving party(ies):

**E. I. DU PONT DE NEMOURS AND COMPANY  
 LEGAL PATENTS  
 1007 MARKET STREET  
 WILMINGTON, DELAWARE 19898**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 5. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s): PCT/US00/16659  
 Docket No.: CL-1459 PCT

B. Patent No.(s):

JAN 23 2002

Additional numbers attached: ☐ Yes ☒ No

## 6. Correspondent Name &amp; Address:

**WILLIAM JOSEPH COTREAU  
 E. I. DU PONT DE NEMOURS AND COMPANY  
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 1007 MARKET STREET  
 WILMINGTON, DELAWARE 19898**

7. Total number of applications and patents involved: 1

8. Total fee (37 CFR 3.41) ..... \$40.00

- ☐ Enclosed (Check No.: \_\_\_\_\_)  
☒ Authorized to be charged to deposit account

9. Deposit account number: 04-1928

(Attach duplicate copy of this page if paying by deposit account)

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## 10. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

CAROL REEDER

SENIOR LEGAL CLERK

Signature

Date

Carol Reeder 7/30/2001

02/04/2002 DBYRNE 00000221 041928 PCTUS0016659

01 FC:581

40.00 CH

Total number of pages comprising cover sheet: 1

# ASSIGNMENT

I, the undersigned

**Zhen-Yu YANG**

Hereby declare that

I am the true and first inventor of an invention relating to

## **Fluorinated Ionic Polymers**

which is disclosed in PCT International Application, **PCT/US00/16659** filed the **16TH** day of **JUNE, 2000** (Case No. **CL1459PCT**); in which the United States of America is a designated state for Letters Patent; and, for valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of my pre-existing obligation of assignment, I hereby sell, assign, and transfer unto **E. I. du Pont de Nemours and Company**, a corporation organized and existing under the laws of the State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, the entire right, title, and interest in and to the aforesaid application for Letters Patent, including any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property for any and all member countries of the aforesaid International Convention, and the entire right, title and interest in and to any and all my inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, and in and to any and all applications for Letters Patent for any such inventions in any country whatsoever, and in and to any and all patents for any such inventions in any country whatsoever, with the sole right to file such applications in its name or mine, including the sole right to file such applications under the aforesaid International Convention, together with the sole right to have said patents granted in its name or mine and to enforce said patents and to sue for and recover profits and damages for any and all infringements thereof, and hereby agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to me respecting said inventions, to testify in any legal proceeding, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries.

*Zhenyu Yang*

(L.S.)

**Zhen-Yu Yang**

DATE: July 31, 2000